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(FILE 'HOME' ENTERED AT 13:51:00 ON 27 MAY 1999)

FILE 'MEDLINE, BIOSIS, CAPLUS, SCISEARCH' ENTERED AT 13:52:17 ON 27 MAY 1999

L1 1279 S (WAP OR MMTV) (5A) (PROMOTER OR PROMOTOR OR  
REGULATORY(W) (SEQUENCE  
L2 52513 S RETROVIRUS OR RETROVIR?(W) VECTOR  
L3 1589 S PACKAG?(W) CELL  
L4 28 S L1 AND L2  
L5 1283 S L2 AND L3  
L6 15 DUP REM L4 (13 DUPLICATES REMOVED)  
L7 1079 S PACKAG?(W) CELL(W) LINE  
L8 380188 S P53 OR MELITTIN OR CECROPIN OR SDI OR CYTOKINE OR HSV-TK OR  
P

=> s 12 and 17

L9 869 L2 AND L7

=> s 19 and 18

L10 100 L9 AND L8

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 54 DUP REM L10 (46 DUPLICATES REMOVED)

=> d bib 1-15 16

L6 ANSWER 1 OF 15 CAPLUS COPYRIGHT 1999 ACS  
AN 1999:271479 CAPLUS  
TI Thymidine kinase mutants and fusion proteins having thymidine kinase and  
guanylate kinase activities  
IN Black, Margaret E.  
PA Darwin Molecular Corporation, USA  
SO PCT Int. Appl., 126 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9919466	A2	19990422	WO 98-US21672	19981014
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
PRAI	US 97-61812		19971014		

L6 ANSWER 2 OF 15 CAPLUS COPYRIGHT 1999 ACS  
AN 1999:147314 CAPLUS  
DN 130:191910  
TI Thymidine kinase mutants with increased activity, vectors expressing  
mutants, and pharmacological uses

IN Loeb, Lawrence A.; Black, Margaret E.  
PA University of Washington, USA  
SO U.S., 72 pp., Continued-in-part of U.S. Ser. No. 237, , abandoned.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5877010	A	19990302	US 95-432871	19950502
	CA 2189543	AA	19951109	CA 95-2189543	19950502
	CN 1151186	A	19970604	CN 95-193717	19950502
PRAI	US 94-237592		19940502		

L6 ANSWER 3 OF 15 MEDLINE DUPLICATE 1  
AN 1998105826 MEDLINE  
DN 98105826  
TI Construction and characterization of a hybrid mouse mammary tumor virus/murine leukemia virus-based **retroviral vector**.  
AU Saller R M; Ozturk F; Salmons B; Gunzburg W H  
CS Institut fur Molekulare Virologie, GSF-Forschungszentrum fur Umwelt und Gesundheit, Oberschleissheim, Germany.  
SO JOURNAL OF VIROLOGY, (1998 Feb) 72 (2) 1699-703.  
Journal code: KCV. ISSN: 0022-538X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Cancer Journals  
EM 199804  
EW 19980403

L6 ANSWER 4 OF 15 MEDLINE DUPLICATE 2  
AN 1998211344 MEDLINE  
DN 98211344  
TI Antisense c-myc **retroviral vector** suppresses established human prostate cancer.  
AU Steiner M S; Anthony C T; Lu Y; Holt J T  
CS Department of Urology, Vanderbilt University School of Medicine, Nashville, TN 37235, USA.  
SO HUMAN GENE THERAPY, (1998 Mar 20) 9 (5) 747-55.  
Journal code: A12. ISSN: 1043-0342.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199808  
EW 19980801

L6 ANSWER 5 OF 15 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:413000 CAPLUS  
DN 129:132177  
TI Inducible gene expression from promoter conversion **retroviral vectors**  
AU Salmons, Brian; Saller, Robert M.; Mrochen, Stefan; Ozturk, Feride; Klein, Dieter; Gunzburg, Walter H.  
CS Bavarian Nordic Research Institute, Munich, D-80807, Germany  
SO Nucleic Acids Symp. Ser. (1998), 38 (Advances in Gene Technology: Molecular Biology in the Conquest of Disease), 179-180  
CODEN: NACSD8; ISSN: 0261-3166  
PB Oxford University Press  
DT Journal  
LA English

L6 ANSWER 6 OF 15 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:650467 CAPLUS  
 DN 127:315589  
 TI Cytochrome P450 encoding **retroviral vectors** and their  
 use as antitumor agents  
 IN Gunzburg, Walter H.; Karle, Peter; Saller, Robert Michael  
 PA Bavarian Nordic Research Institute A/S, Den.; GSF-Forschungszentrum Fur  
 Umwelt Und Gesundheit; Gunzburg, Walter H.; Karle, Peter; Saller, Robert  
 Michael  
 SO PCT Int. Appl., 25 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9735994	A2	19971002	WO 97-EP1585	19970327
	WO 9735994	A3	19971120		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9723827	A1	19971017	AU 97-23827	19970327
	EP 892852	A2	19990127	EP 97-919307	19970327
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	NO 9804540	A	19980928	NO 98-4540	19980928
PRAI	DK 96-352		19960327		
	WO 97-EP1585		19970327		

L6 ANSWER 7 OF 15 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:265594 CAPLUS  
 DN 126:247559  
 TI Rodent whey acid protein (WAP) or mouse mammary tumor virus (**MMTV**) **regulatory sequences** for targeted expression of heterologous genes in human mammary cells and applications in carcinoma gene therapy  
 IN Guenzburg, Walter H.; Saller, Robert Michael; Salmons, Brian  
 PA Bavarian Nordic Research Institute A/s, Den.; Gsf - Forschungszentrum.  
 Fuer Umwelt Und Gesundheit; Guenzburg, Walter H.; Saller, Robert Michael; Salmons, Brian  
 SO PCT Int. Appl., 46 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9709440	A1	19970313	WO 96-EP3922	19960906
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM			
	AU 9669876	A1	19970327	AU 96-69876	19960906
	EP 848757	A1	19980624	EP 96-931040	19960906
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			

PRAI DK 95-976 19950906  
WO 96-EP3922 19960906

L6 ANSWER 8 OF 15 CAPLUS COPYRIGHT 1999 ACS

AN 1996:661119 CAPLUS

DN 125:294771

TI Viral and plasmid vectors encoding mouse mammary tumor virus Naf  
repressor

or Sag antigen for control of viral infections or lymphocyte gene therapy

IN Guenzburg, Walter H.; Salmons, Brian

PA Bavarian Nordic Research Institute A/s, Den.; GSF-Forschungszentrum fuer  
Umwelt und Gesundheit GmbH

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628564	A1	19960919	WO 96-EP1002	19960308
	W:	AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9651040	A1	19961002	AU 96-51040	19960308
	EP 817859	A1	19980114	EP 96-907399	19960308
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
PRAI	DK 95-244		19950309		
	WO 96-EP1002		19960308		

L6 ANSWER 9 OF 15 CAPLUS COPYRIGHT 1999 ACS

AN 1996:661120 CAPLUS

DN 125:294754

TI Vectors carrying therapeutic genes encoding antimicrobial peptides for  
gene therapy

IN Guenzburg, Walter H.; Winder, David; Saller, Robert Michael

PA Bavarian Nordic, Den.; GSF-Forschungszentrum fuer Umwelt und Gesundheit  
GmbH

SO PCT Int. Appl., 54 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628563	A1	19960919	WO 96-EP1001	19960308
	W:	AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9651039	A1	19961002	AU 96-51039	19960308
	EP 817858	A1	19980114	EP 96-907398	19960308
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
	JP 11503305	T2	19990326	JP 96-527259	19960308
PRAI	DK 95-243		19950309		
	WO 96-EP1001		19960308		

L6 ANSWER 10 OF 15 SCISEARCH COPYRIGHT 1999 ISI (R)  
AN 95:765935 SCISEARCH  
GA The Genuine Article (R) Number: TC649  
TI **PROMOTER** DEMETHYLATION IN **MMTV**/N-RAS(N) TRANSGENIC  
MICE REQUIRED FOR TRANSGENE EXPRESSION AND TUMORIGENESIS  
AU MANGUES R; SCHWARTZ S; SEIDMAN I; PELLICER A (Reprint)  
CS NYU, MED CTR, KAPLAN CANC CTR, DEPT PATHOL, MSB 594, 550 1ST AVE, NEW  
YORK, NY, 10016 (Reprint); NYU, MED CTR, KAPLAN CANC CTR, DEPT PATHOL,  
NEW YORK, NY, 10016  
CYA USA  
SO MOLECULAR CARCINOGENESIS, (OCT 1995) Vol. 14, No. 2, pp. 94-102.  
ISSN: 0899-1987.  
DT Article; Journal  
FS LIFE  
LA ENGLISH  
REC Reference Count: 42  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L6 ANSWER 11 OF 15 SCISEARCH COPYRIGHT 1999 ISI (R)  
AN 93:47911 SCISEARCH  
GA The Genuine Article (R) Number: KG400  
TI REGULATION OF EXPRESSION OF MOUSE MAMMARY-TUMOR VIRUS THROUGH SEQUENCES  
LOCATED IN THE HORMONE RESPONSE ELEMENT - INVOLVEMENT OF CELL-CELL  
CONTACT  
AND A NEGATIVE REGULATORY FACTOR  
AU HARTIG E; NIERLICH B; MINK S; NEBL G; CATO A C B (Reprint)  
CS KERNFORSCHUNGSZENTRUM KARLSRUHE GMBH, INST GENET & TOXICOL, POB 3640,  
W-7500 KARLSRUHE 1, GERMANY  
CYA GERMANY  
SO JOURNAL OF VIROLOGY, (FEB 1993) Vol. 67, No. 2, pp. 813-821.  
ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA ENGLISH  
REC Reference Count: 46  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L6 ANSWER 12 OF 15 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 3  
AN 1991:672485 CAPLUS  
DN 115:272485  
TI Localization and induced expression of fusion genes in the rat lung  
AU Hazinski, Thomas A.; Ladd, Patricia A.; DeMatteo, C. Anthony  
CS Sch. Med., Vanderbilt Univ., Nashville, TN, 37232-2586, USA  
SO Am. J. Respir. Cell Mol. Biol. (1991), 4(3), 206-9  
CODEN: AJRBEL; ISSN: 1044-1549  
DT Journal  
LA English

✓ L6 ANSWER 13 OF 15 MEDLINE DUPLICATE 4  
AN 91042511 MEDLINE  
DN 91042511  
TI Negative regulation in correct tissue-specific expression of mouse  
mammary tumor virus in transgenic mice.  
AU Ross S R; Hsu C L; Choi Y; Mok E; Dudley J P  
CS Department of Biochemistry, University of Illinois, Chicago 60612.  
NC CA34780 (NCI)  
CA45954 (NCI)  
SO MOLECULAR AND CELLULAR BIOLOGY, (1990 Nov) 10 (11) 5822-9.  
Journal code: NGY. ISSN: 0270-7306.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals

EM 199102

✓ L6 ANSWER 14 OF 15 MEDLINE

DUPLICATE 5

AN 90282722 MEDLINE

DN 90282722

TI Glucocorticoids regulate expression of the v-mycOK10 oncogene in a murine **retroviral vector** with chimeric MoMuLV-MMTV LTRs.

AU Jacquemin-Sablon H; Bogenberger J

CS Molecular Biology and Virology Laboratory, Salk Institute, San Diego.

SO BIOCHEMISTRY INTERNATIONAL, (1990) 20 (4) 669-79.

Journal code: 9Y9. ISSN: 0158-5231.

CY Australia

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199009

L6 ANSWER 15 OF 15 MEDLINE

DUPLICATE 6

AN 84093110 MEDLINE

DN 84093110

TI Glucocorticoid regulation of transcription at an amplified, episomal promoter.

AU Ostrowski M C; Richard-Foy H; Wolford R G; Berard D S; Hager G L

SO MOLECULAR AND CELLULAR BIOLOGY, (1983 Nov) 3 (11) 2045-57.

Journal code: NGY. ISSN: 0270-7306.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 198404

=> d au ti so 30-54 111

L11 ANSWER 30 OF 54 MEDLINE

DUPLICATE 13

AU Xiao M; Yang Y C; Yang L; Chang M S; Cornetta K; Broxymeyer H E; Lu L

TI Transduction of human interleukin-9 receptor gene into human cord blood erythroid progenitors increases the number of erythropoietin-dependent erythroid colonies.

SO BONE MARROW TRANSPLANTATION, (1996 Dec) 18 (6) 1103-9.

Journal code: BON. ISSN: 0268-3369.

L11 ANSWER 31 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)

AU LAVAU C (Reprint); HEARD J M; DANOS O; DEJEAN A

TI **RETROVIRAL VECTORS** FOR THE TRANSDUCTION OF THE

PML-RAR-ALPHA FUSION PRODUCT OF ACUTE PROMYELOCYTIC LEUKEMIA

SO EXPERIMENTAL HEMATOLOGY, (MAR 1996) Vol. 24, No. 4, pp. 544-551.

ISSN: 0301-472X.

L11 ANSWER 32 OF 54 MEDLINE

DUPLICATE 14

AU Suzuki H; Brown G D; Ohno K; Meruelo D

TI Infection of human cells by murine ecotropic viruses: **retroviral vectors** carrying the hygromycin resistance-encoding gene.

SO GENE, (1996 May 8) 170 (2) 255-9.

Journal code: FOP. ISSN: 0378-1119.

L11 ANSWER 33 OF 54 MEDLINE

DUPLICATE 15

AU Chen X; Cao K; Liu D; Wang Z; Liang C

TI Construction of the wt-p53 gene recombinant **retroviral**

**vector**. Inhibiting the growth of laryngocarcinoma cell line.

SO CHUNG-KUO I HSUEH KO HSUEH YUAN HSUEH PAO ACTA ACADEMIAE MEDICINAE

SINICAE, (1996 Aug) 18 (4) 252-6.

Journal code: CZS. ISSN: 1000-503X.

L11 ANSWER 34 OF 54 MEDLINE

- AU Chen X; Wang Z; Zhang L  
 TI Induction of apoptosis by expression of retrovirus-mediated wild type p53 gene in large cell carcinoma cell line.  
 SO CHUNG-HUA ERH PI YEN HOU KO TSA CHIH CHINESE JOURNAL OF OTORHINOLARYNGOLOGY, (1996) 31 (3) 171-4.  
 Journal code: APX. ISSN: 0412-3948.
- L11 ANSWER 35 OF 54 MEDLINE DUPLICATE 16  
 AU Rainov N G; Kramm C M; Aboody-Guterman K; Chase M; Ueki K; Louis D N; Harsh G R 4th; Chiocca A; Breakefield X O  
 TI **Retrovirus**-mediated gene therapy of experimental brain neoplasms using the herpes simplex virus-thymidine kinase/ganciclovir paradigm.  
 SO CANCER GENE THERAPY, (1996 Mar-Apr) 3 (2) 99-106.  
 Journal code: CE3. ISSN: 0929-1903.
- L11 ANSWER 36 OF 54 CAPLUS COPYRIGHT 1999 ACS  
 AU Feng, Xuesheng; Zheng, Zhongcheng; Tang, Zhaoyou; Ge, Kai; Wang, Liqun; Xue, Qiong; Shun, Lanying; Liu, Xinggeng  
 TI Expression and antitumor activity of **retrovirus**-transferred tumor necrosis factor in human hepatocellular carcinoma cells  
 SO Zhonghua Weishengwuxue He Mianyixue Zazhi (1996), 16(1), 33-36  
 CODEN: ZWMZDP; ISSN: 0254-5101
- L11 ANSWER 37 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)  
 AU TJUVAJEV J; GANSBACHER B; DESAI R; BEATTIE B; KAPLITT M; MATEI C; KOUTCHER J; GILBOA E; BLASBERG R (Reprint)  
 TI RG-2 GLIOMA GROWTH ATTENUATION AND SEVERE BRAIN EDEMA CAUSED BY LOCAL PRODUCTION OF INTERLEUKIN-2 AND INTERFERON-GAMMA  
 SO CANCER RESEARCH, (01 MAY 1995) Vol. 55, No. 9, pp. 1902-1910.  
 ISSN: 0008-5472.
- L11 ANSWER 38 OF 54 MEDLINE DUPLICATE 17  
 AU Smith P B; Tiano H F; Nesnow S; Boyd M R; Philpot R M; Langenbach R  
 TI 4-Ipomeanol and 2-aminoanthracene cytotoxicity in C3H/10T1/2 cells expressing rabbit cytochrome **P450** 4B1.  
 SO BIOCHEMICAL PHARMACOLOGY, (1995 Nov 9) 50 (10) 1567-75.  
 Journal code: 9Z4. ISSN: 0006-2952.
- L11 ANSWER 39 OF 54 CAPLUS COPYRIGHT 1999 ACS  
 AU Cheng, Jun; Si, Congwen; Wang, Qinhuan; Yu, Ming  
 TI Human interleukin-2 gene transfer and expression inhibits hepatitis B virus surface antigen expression and enhances LAK activity of peripheral blood mononuclear cells of normal adults  
 SO Zhonghua Yixue Zazhi (1995), 75(7), 388-91  
 CODEN: CHHTAT; ISSN: 0376-2491
- L11 ANSWER 40 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)  
 AU KRAMM C M; SENAESTEVES M; BARNETT F H; RAINOV N G; SCHUBACK D E; YU J S; PECHAN P A; PAULUS W; CHIOCCA E A; BREAKEFIELD X O (Reprint)  
 TI GENE-THERAPY FOR BRAIN-TUMORS  
 SO BRAIN PATHOLOGY, (OCT 1995) Vol. 5, No. 4, pp. 345-381.  
 ISSN: 1015-6305.
- L11 ANSWER 41 OF 54 CAPLUS COPYRIGHT 1999 ACS  
 IN Finer, Mitchell H.; Roberts, Margo R.; Dull, Thomas J.; Zsebo, Krisztina M.; Qin, Lu; Farson, Deborah A.  
 TI Expression vectors for use in the production of high titer virus and high efficiency retroviral mediated transduction of mammalian cells  
 SO PCT Int. Appl., 92 pp.  
 CODEN: PIXXD2
- L11 ANSWER 42 OF 54 CAPLUS COPYRIGHT 1999 ACS  
 AU Isobe, Ken-ichi; Fan, Zuo-heng; Emi, Nobuhiko; Nakashima, Izumi  
 TI Gene transfer of TNF receptor for treatment of cancer by TNF

- SO Biochem. Biophys. Res. Commun. (1994), 202(3), 1538-42  
CODEN: BBRC9; GN: 0006-291X
- L11 ANSWER 43 OF 54 CAPLUS COPYRIGHT 1999 ACS  
AU Fan, Zuo-Heng; Isobe, Ken-Ichi; Emi, Nobuhiko; Nakashima, Izumi  
TI **Retrovirus** mediated gene transfer of TNF receptor for treatment of cancer  
SO Oncol. Rep. (1994), 1(6), 1113-16  
CODEN: OCRPEW
- L11 ANSWER 44 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)  
AU WU J K (Reprint); CANO W G; MEYLAERTS S A G; QI P M; VRIONIS F; CHERINGTON V  
TI BYSTANDER TUMORICIDAL EFFECT IN THE TREATMENT OF EXPERIMENTAL BRAIN-TUMORS  
SO NEUROSURGERY, (DEC 1994) Vol. 35, No. 6, pp. 1094-1102.  
ISSN: 0148-396X.
- L11 ANSWER 45 OF 54 CAPLUS COPYRIGHT 1999 ACS  
AU Lu, Shilong; Chen, Hong; Hou, Lixin; Ren, Changshan  
TI Construction of a retroviral mediated recombinant TNF-.alpha. gene transfer system  
SO Zhongguo Yike Daxue Xuebao (1994), 23(6), 523-6  
CODEN: ZYDXEN; ISSN: 0258-4646
- L11 ANSWER 46 OF 54 BIOSIS COPYRIGHT 1999 BIOSIS DUPLICATE 18  
AU Yan, Shi-Qing; Zhang, Lian-Feng; Peng, Ren-Ling  
TI Retroviral-mediated IL-2 and TNF-alpha fusion gene expression in human ovarian cancer cells and its effects on the growth of the cells.  
SO Zhonghua Weishengqixue He Mianyixue Zazhi, (1994) Vol. 14, No. 5, pp. 309-313.  
ISSN: 0254-5101.
- L11 ANSWER 47 OF 54 MEDLINE DUPLICATE 19  
AU Cohli H; Fan B; Joshi R L; Ramezani A; Li X; Joshi S  
TI Inhibition of HIV-1 multiplication in a human CD4+ lymphocytic cell line expressing antisense and sense RNA molecules containing HIV-1 packaging signal and Rev response element(s).  
SO ANTISENSE RESEARCH AND DEVELOPMENT, (1994 Spring) 4 (1) 19-26.  
Journal code: BI7. ISSN: 1050-5261.
- L11 ANSWER 48 OF 54 CAPLUS COPYRIGHT 1999 ACS  
IN Culver, Kenneth W.; Blaese, R. Michael  
TI Bystander effect tumoricidal therapy  
SO PCT Int. Appl., 32 pp.  
CODEN: PIXXD2
- L11 ANSWER 49 OF 54 BIOSIS COPYRIGHT 1999 BIOSIS  
AU Hajjar, Adeline M.; Linial, Maxine L. (1)  
TI A model system for nonhomologous recombination between retroviral and cellular RNA.  
SO Journal of Virology, (1993) Vol. 67, No. 7, pp. 3845-3853.  
ISSN: 0022-538X.
- L11 ANSWER 50 OF 54 SCISEARCH COPYRIGHT 1999 ISI (R)  
AU KURIYAMA S (Reprint); YOSHIKAWA M; TOMINAGA K; NAKATANI T; SAKAMOTO T; FUKUI H; IKENAKA K; TSUJII T  
TI GENE-THERAPY FOR THE TREATMENT OF HEPATOMA BY RETROVIRAL-MEDIATED GENE-TRANSFER OF THE HERPES-SIMPLEX VIRUS THYMIDINE KINASE  
SO INTERNATIONAL HEPATOLOGY COMMUNICATIONS, (01 OCT 1993) Vol. 1, No. 5, pp. 253-259.  
ISSN: 0928-4346.
- L11 ANSWER 51 OF 54 MEDLINE DUPLICATE 20

✓  
AU Takamiya Y; Short M P; Moolten F L; Fleet C; Mineta T; Breakefield X O;  
Martuza R L  
TI An experimental del of **retrovirus** gene therapy for malignant  
brain tumors.  
SO JOURNAL OF NEUROSURGERY, (1993 Jul) 79 (1) 104-10.  
Journal code: JD3. ISSN: 0022-3085.

L11 ANSWER 52 OF 54 CAPLUS COPYRIGHT 1999 ACS  
IN Glorioso, Joseph C.; Evans, Christopher H.; Robbins, Paul D.; Bandara,  
Geethani  
TI A truncated interleukin-1 receptor gene for the treatment of arthritis  
SO PCT Int. Appl., 26 pp.  
CODEN: PIXXD2

L11 ANSWER 53 OF 54 MEDLINE DUPLICATE 21  
AU Luskey B D; Rosenblatt M; Zsebo K; Williams D A  
TI Stem cell factor, interleukin-3, and interleukin-6 promote  
retroviral-mediated gene transfer into murine hematopoietic stem cells.  
SO BLOOD, (1992 Jul 15) 80 (2) 396-402.  
Journal code: A8G. ISSN: 0006-4971.

L11 ANSWER 54 OF 54 CAPLUS COPYRIGHT 1999 ACS  
AU Blankenstein, Thomas; Li, Weiqun; Ueberla, Klaus; Qin, Zhihai; Tominaga,  
Akira; Takatsu, Kiyoshi; Yamaguchi, Naoto; Diamantstein, Tibor  
TI Retroviral interleukin 5 gene transfer into interleukin 5-dependent  
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SO Eur. J. Immunol. (1990), 20(12), 2699-705  
CODEN: EJIMAF; ISSN: 0014-2980

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✓ L11 ANSWER 48 OF 54 CAPLUS COPYRIGHT 1999 ACS  
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DN 120:577  
TI Bystander effect tumoricidal therapy  
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PA United States Dept. of Health and Human Services, USA  
SO PCT Int. Appl., 32 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9321959	A1	19931111	WO 93-US4002	19930503
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9342217	A1	19931129	AU 93-42217	19930503
	AU 675948	B2	19970227		
	EP 637966	A1	19950215	EP 93-910880	19930503
	EP 637966	B1	19970827		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 07506370	T2	19950713	JP 93-519489	19930503
	AT 157261	E	19970915	AT 93-910880	19930503
	ES 2110091	T3	19980201	ES 93-910880	19930503
PRAI	US 92-877519		19920501		
	WO 93-US4002		19930503		

=> d his

(FILE 'HOME' ENTERED AT 13:08:42 ON 27 MAY 1999)

FILE 'BIOSIS, MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 13:09:00 ON 27 MAY 1999

L1 284 S (WHEY(W)ACID?(W)PROTEIN OR WAP) (5A)PROMOTER  
L2 1072 S MMTV(5A) (PROMOTER OR PROMOTOR OR REGULATORY(W) (SEQUENCE OR  
EL  
L3 1269215 S VIRAL(W)VECTOR OR VIRUS OR ADENOVIRUS OR RETROVIRUS  
L4 1342 S L1 OR L2  
L5 859 S L3 AND L4  
L6 373 DUP REM L5 (486 DUPLICATES REMOVED)  
L7 332083 S P53 OR MELITTIN OR CECROPIN OR SDI OR CYTOKINE OR HSV-TK

=> s 17 and 16

L8 14 L7 AND L6

=> d au ti so 1-14 18

L8 ANSWER 1 OF 14 BIOSIS COPYRIGHT 1999 BIOSIS  
AU Tzeng, Y. J.; Zimmermann, C.; Guhl, E.; Berg, B.; Avantaggiati, M. L.;  
Graessmann, A. (1)  
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and selects for p53 missense mutation in mammary tumors.  
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AU Li, Minglin; Hu, Jiadi; Heermeier, Kathrin; Hennighausen, Lothar; Furth,  
Priscilla A. (1)  
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cell fate and function: Induction of p53-independent apoptosis  
is followed by impaired milk protein production in surviving cells.  
SO Cell Growth & Differentiation, (1996) Vol. 7, No. 1, pp. 3-11.  
ISSN: 1044-9523.

L8 ANSWER 3 OF 14 BIOSIS COPYRIGHT 1999 BIOSIS  
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TI The impact of 5'-CG-3' methylation on activity of different eukaryotic  
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L8 ANSWER 4 OF 14 BIOSIS COPYRIGHT 1999 BIOSIS  
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L8 ANSWER 6 OF 14 MEDLINE  
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 Journal code: ONC. ISSN: 0950-9232.

✓ L8 ANSWER 7 OF 14 MEDLINE  
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L8 ANSWER 8 OF 14 CAPLUS COPYRIGHT 1999 ACS  
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 CODEN: NACSD8; ISSN: 0261-3166

L8 ANSWER 9 OF 14 CAPLUS COPYRIGHT 1999 ACS  
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 TI Rodent whey acid protein (WAP) or mouse mammary tumor virus ( **MMTV**) **regulatory sequences** for targeted  
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 CODEN: PIXXD2

L8 ANSWER 10 OF 14 CAPLUS COPYRIGHT 1999 ACS  
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 SO PCT Int. Appl., 54 pp.  
 CODEN: PIXXD2

L8 ANSWER 11 OF 14 CAPLUS COPYRIGHT 1999 ACS  
 IN Guenzburg, Walter H.; Salmons, Brian  
 TI Viral and plasmid vectors encoding mouse mammary tumor virus Naf  
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 CODEN: PIXXD2

L8 ANSWER 12 OF 14 CAPLUS COPYRIGHT 1999 ACS  
 IN Guenzburg, Walter Henry; Saller, Robert Michael  
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 SO PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2

L8 ANSWER 13 OF 14 CAPLUS COPYRIGHT 1999 ACS  
 IN Woo, Savio L. C.; Chen, Shu-Hsia  
 TI **Adenovirus**-carried suicide gene and prodrug for gene therapy for

SO solid tumors, papillomas and warts  
PCT Int. Appl., 7 pp.  
CODEN: PIXXD2

L8 ANSWER 14 OF 14 SCISEARCH COPYRIGHT 1999 ISI (R)  
AU PARKER C; WHITTAKER P A; USMANI B A; LAKSHMI M S; SHERBET G V (Reprint)  
TI INDUCTION OF 18A2/MTS1 GENE-EXPRESSION AND ITS EFFECTS ON METASTASIS AND  
CELL-CYCLE CONTROL  
SO DNA AND CELL BIOLOGY, (OCT 1994) Vol. 13, No. 10, pp. 1021-1028.  
ISSN: 1044-5498.

L8 ANSWER 13 OF 14 CAPLUS COPYRIGHT 1999 ACS

AN 1995:494727 CAPLUS

DN 122:230771

TI **Adenovirus**-carried suicide gene and prodrug for gene therapy for solid tumors, papillomas and warts

IN Woo, Savio L. C.; Chen, Shu-Hsia

PA Baylor College of Medicine, USA

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9505835	A1	19950302	WO 94-US9784	19940825
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5631236	A	19970520	US 93-112745	19930826
	CA 2169260	AA	19950302	CA 94-2169260	19940825
	AU 9476776	A1	19950321	AU 94-76776	19940825
	AU 677430	B2	19970424		
	EP 719147	A1	19960703	EP 94-927282	19940825
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
SE	JP 09504784	T2	19970513	JP 94-507792	19940825
PRAI	US 93-112745		19930826		
	WO 94-US9784		19940825		

L8 ANSWER 14 OF 14 SCISEARCH COPYRIGHT 1999 ISI (R)

AN 94:706853 SCISEARCH

GA The Genuine Article (R) Number: PP859

TI INDUCTION OF 18A2/MTS1 GENE-EXPRESSION AND ITS EFFECTS ON METASTASIS AND CELL-CYCLE CONTROL

AU PARKER C; WHITTAKER P A; USMANI B A; LAKSHMI M S; SHERBET G V (Reprint)  
CS UNIV NEWCASTLE UPON TYNE, SCH MED, CANC RES UNIT, NEWCASTLE UPON TYNE NE2 4HH, TYNE & WEAR, ENGLAND (Reprint); UNIV NEWCASTLE UPON TYNE, SCH MED, CANC RES UNIT, NEWCASTLE UPON TYNE NE2 4HH, TYNE & WEAR, ENGLAND; UNIV SOUTHAMPTON, DEPT CLIN BIOCHEM, SOUTHAMPTON SO9 4XY, HANTS, ENGLAND

CYA ENGLAND

SO DNA AND CELL BIOLOGY, (OCT 1994) Vol. 13, No. 10, pp. 1021-1028.  
ISSN: 1044-5498.

DT Article; Journal

FS LIFE

LA ENGLISH

REC Reference Count: 36

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

=> d ab 14 18

L8 ANSWER 14 OF 14 SCISEARCH COPYRIGHT 1999 ISI (R)

AB The metastasis associated 18A2/mts1 gene was inserted into the mammalian expression vector pMAMneo placing it under the control of the dexamethasone-inducible **MMTV promoter**. The construct was transfected into dexamethasone receptor negative F1 and receptor positive F10 cells of the B16 murine melanoma. The transferred gene was switched on in two transfectant clones of F10, by exposure to 10(-6) M dexamethasone, but not in clones of the receptor negative F1 line. One of

the F10 transfectant clones (F10-192/10) was characterized further. A 13.5-fold increase in 18A2/mts1 transcripts was found in this clone upon exposure to dexamethasone. There was also a seven-fold increase in lung colonization in an experimental metastasis assay, together with increased expression of depolymerized tubulin and enhanced detection of **p53** protein. The number of cells in the S phase increased by 2.5-fold following dexamethasone treatment of the clone. These data suggest a direct involvement of the 18A2/mts1 gene in lung colonization by the tumor cells. The 18A2/mts1 protein promotes tubulin depolymerization, sequesters the **p53** phosphoprotein, and induces the cells to enter the S phase, but the relevance of these in the metastatic process remains to be elucidated.

=> d ab 7 18

L8 ANSWER 7 OF 14 MEDLINE

AB Human (U251, U87, U343) and rat glioma cell lines (C6, 9L) were examined by the reverse transcriptase-polymerase chain reaction and subsequent nucleotide sequencing analysis to see whether they express wild type (wt)-

**p53** or mutated form (mut)-**p53** messages. Results showed that U87, U343, and C6 cells expressed wt-**p53** messages whereas U251 and 9L cells expressed mut-**p53** messages. All these cell lines were transfected with wt-**p53** cDNA or the s-myc gene linked to the mouse mammary tumor virus (MMTV) promoter. Of several G418-resistant clones obtained from each transfection, a few expressed the s-Myc or wt-**p53** proteins. Independent of mutations in the intrinsic **p53** gene, the cellular growth in vitro and tumorigenicity in nude mice of these clones were drastically suppressed, the extent of suppression being correlated with the expression level of the transfected gene. Flow-cytometric analysis demonstrated that both **p53** and s-Myc arrested the cell cycle at the G1/S boundary. These data suggest that these genes having negative effects on tumor cell proliferation could be used in gene therapy of gliomas, which are caused by alteration of the **p53** gene or by some other genetic change.